

DRIVING FORCE CONTROL DEVICE

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Abstract of JP4129837

PURPOSE: To improve steering response and steering stability by equipping a control means to control transmitted driving force or a slippage amount of each clutch device based on the deflection between a calculated target yaw rate and a detected actual yaw rate. CONSTITUTION: Clutch devices 10, 11 and 12, 13 installed respectively on drive shafts 18, 19, which transmit driving force to right and left wheels FR, FL and RR, RL, arbitrarily control the driving force ratio or the rotating speed ratio transmitted to the right and left wheels FR, FL and RR, RL by means of controlling connection/disconnection or the amount of slippage thereof. The driving force ratio or the rotating speed ratio of the right and left wheels FL, FR and RR, RL are controlled to the optimum value by an ECU 40 controlling the transmitted driving force or the slippage amount of each clutch device 10, 11 and 12, 13 based on the deflection between the target yaw rate, calculated on the basis of the steering angle and the vehicle speed, and the actual yaw rate.

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